

Message

From: Poulos, Kelly [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E2173028B8704CB3B156096E0C1DD403-POULOS, KEL]
Sent: 3/9/2022 9:37:59 PM
To: Wilson, David [wilson.david@epa.gov]
Subject: FW: Verona Well Field: Data Review
Attachments: EPA_VeronaWellField_DataReview_20220309_DRAFT.pdf

Hi Dave,

I'm forwarding SSPA's summary presentation of data and evaluations. I can see if they have time maybe next Wednesday or Thursday to meet and discuss.

Best,
Kelly

From: Alex Spiliotopoulos <alexs@sspa.com>
Sent: Wednesday, March 9, 2022 3:28 PM
To: Poulos, Kelly <poulos.kelly@epa.gov>
Cc: Dominique Sorel <dsorel@sspa.com>; Matt Tonkin <matt@sspa.com>
Subject: Verona Well Field: Data Review

Kelly,

Following up on our recent meeting, attached is draft summary presentation of the data and evaluations we presented during that meeting, supplemented by additional material per our discussion. The additional material we have compiled, includes:

- A more comprehensive evaluation of the water level data, considering the impact of Battle Creek stage elevations. The evaluation considers an assessment of hydraulic containment over the last 5 years, reflected by a capture frequency map. We can provide more information on the development and meaning of the relevant maps on a separate call, once you get a chance to review this material.
- Plume mapping considerations using only statistically calculated UCLs versus the comprehensive approach we recently implemented, that uses appropriate substitute values when the UCL cannot be statistically calculated.
- Sampling frequency at compliance wells: a brief discussion on what the data suggest and where additional considerations are required, as recent samples deviate from historical trends.
- cis-1,2-DCE plots for V-13 and V-36 to assess concentration changes with V-27 operational.
- A draft depiction of the composite target zone, based on plume depictions of the main COCs. The objective of this depiction is to review the concentration distribution of all COCs combined, and determine what the appropriate target zone should be, considering past depictions and our understanding of the migration pathways at the site. For reference and in line with previous evaluations, a depiction of the cis-1,2-DCE plume was included at the DL level of 1 µg/L.

Please take a look and let's find some time for a call to go over this material, and make final edits and decisions regarding key depictions for the report.

Thanks,
Alex

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